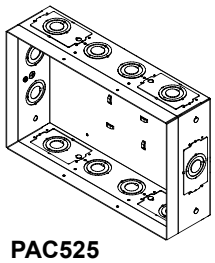
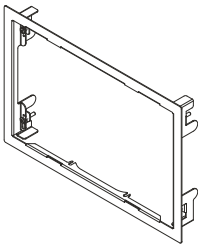
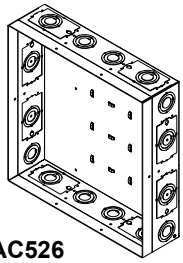
INSTALLATION INSTRUCTIONS



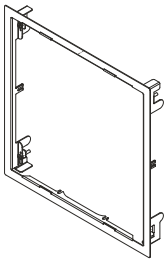
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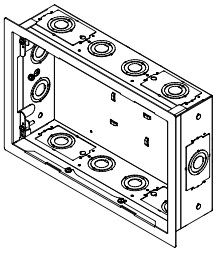
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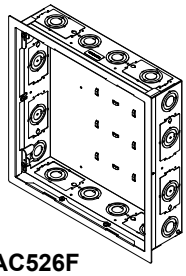
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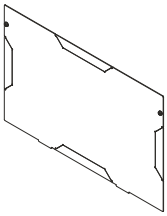
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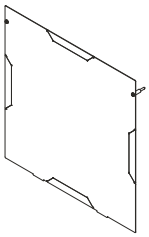
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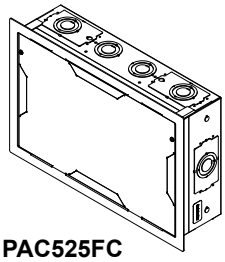
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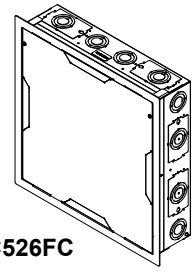
PAC525CVR-KIT



PAC526CVR-KIT



PAC525FC



PAC526FC

In-Wall Accessory Boxes

CHIEF®

A brand of legrand®

PAC525/526

DISCLAIMER

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DEFINITIONS

MOUNTING SYSTEM: A MOUNTING SYSTEM is the primary Chief product to which an accessory and/or component is attached.

ACCESSORY: AN ACCESSORY is the secondary Chief product which is attached to a primary Chief product, and may have a component attached or setting on it.

COMPONENT: A COMPONENT is an audiovisual item designed to be attached or resting on an accessory or mounting system such as a video camera, CPU, screen, display, projector, etc.

WARNING: A WARNING alerts you to the possibility of serious injury or death if you do not follow the instructions.

CAUTION: A CAUTION alerts you to the possibility of damage or destruction of equipment if you do not follow the corresponding instructions.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: Failure to read, thoroughly understand, and follow all instructions can result in serious personal injury, damage to equipment, or voiding of factory warranty! It is the installer’s responsibility to make sure all accessories are properly assembled and installed using the instructions provided.

WARNING: Failure to provide adequate structural strength for this accessory can result in serious personal injury or damage to equipment! It is the installer’s responsibility to make sure the structure to which this accessory is attached can support five times the combined weight of all equipment. Reinforce the structure as required before installing the accessory.

WARNING: Exceeding the weight capacity can result in serious personal injury or damage to equipment! It is the installer’s responsibility to make sure the combined weight of all components located in the accessory does not exceed 10 lbs (4.5 kg).

- Each PAC525/526 may hold up to 2 complete backplanes and each individual backplane may hold a maximum weight of 10 lbs (4.5 kg).
- A half backplane (after separation) may hold a maximum weight of 5 lbs (2.3 kg).

WARNING: Use this accessory only for its intended use as described in these instructions. Do not use attachments not recommended by the manufacturer.

WARNING: Never operate this accessory if it is damaged. Return the accessory to a service center for examination and repair.

WARNING: For indoor use only.

IMPORTANT ! : The PAC525/526 accessory is designed to be mounted to either a 2" x 3" or 2" x 4" wood stud wall 16" on center, or a 2" x 3"-25ga (minimum) or 2" x 4"-25ga (minimum) steel studs wall.

NOTE: Spacings - Minimum spacings between the 120 Vac power components and the A/V components shall be maintained for safe operation of the equipment when installed in accordance with the National Electric Code, ANSI/NFPA 70.

NOTE: When selecting a Listed 120 Vac Receptacle for use as the main power source for the PAC series boxes (to power the A/V equipment), make sure that AC Receptacle is rated at least 15A and it is used in the building’s AC branch circuit that is connected to a circuit breaker rated at least 15A. Do not connect more than 12A from the Receptacle.

In the U.S., the equipment shall be installed per the applicable requirements of the National Electrical Code, CSA C22.1.

In Canada, the equipment shall be installed per the applicable requirements of the National Electrical Code, ANS/NFPA 70.

NOTE: It is the installer’s responsibility to ensure that the enclosure is bonded to the ground in the switch box, in accordance with the National Electric Code, ANSI/NFPA 70 or Canadian Electrical Code, CSA C22.1. A green grounding screw is provided in the enclosure for the purpose, if required.

--SAVE THESE INSTRUCTIONS--

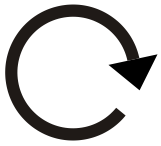
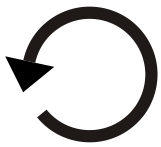
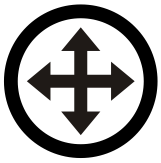
DIMENSION DRAWINGS are located at the end of these Installation Instructions.

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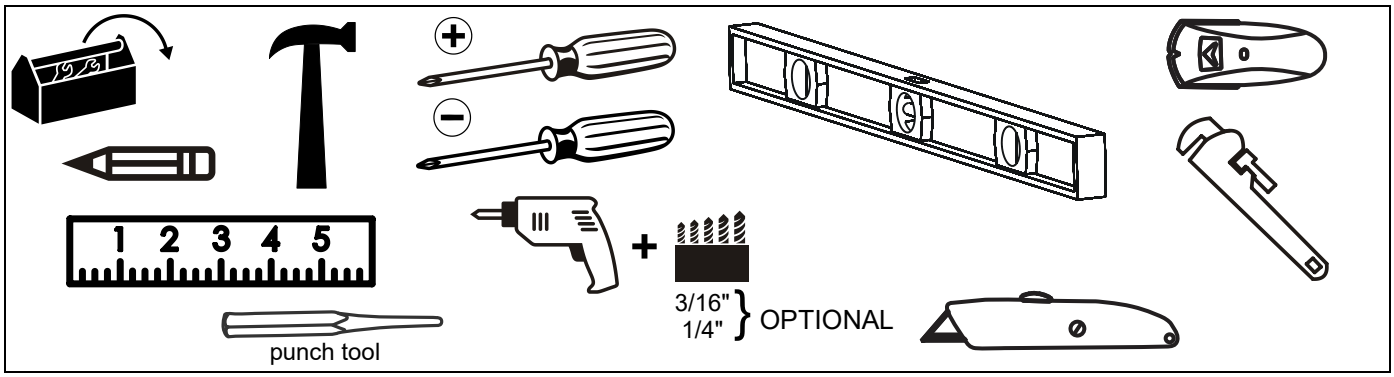
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LEGEND

	Tighten Fastener Apretar elemento de fijación Befestigungsteil festziehen Apertar fixador Serrare il fissaggio Bevestiging vastdraaien Serrez les fixations
	Loosen Fastener Aflojar elemento de fijación Befestigungsteil lösen Desapertar fixador Allentare il fissaggio Bevestiging losdraaien Desserrez les fixations
	Phillips Screwdriver Destornillador Phillips Kreuzschlitzschraubendreher Chave de fendas Phillips Cacciavite a stella Kruiskopschroevendraaier Tournevis à pointe cruciforme
	Open-Ended Wrench Llave de boca Gabelschlüssel Chave de bocas Chiave a punte aperte Steeksleutel Clé à fourche
	By Hand A mano Von Hand Com a mão A mano Met de hand À la main
	Hex-Head Wrench Llave de cabeza hexagonal Sechskantschlüssel Chave de cabeça sextavada Chiave esagonale Zeskantsleutel Clé à tête hexagonale
	Pencil Mark Marcar con lápiz Stiftmarkierung Marcar com lápis Segno a matita Potloodmerkteken Marquage au crayon
	Drill Hole Perforar Bohrloch Fazer furo Praticare un foro Gat boren Percez un trou
	Adjust Ajustar Einstellen Ajustar Regolare Afstellen Ajuster
	Remove Quitar Entfernen Remover Rimuovere Verwijderen Retirez
	Optional Opcional Optional Opcional Opzionale Optie En option
	Security Wrench Llave de seguridad Sicherheitsschlüssel Chave de segurança Chiave di sicurezza Veiligheidssleutel Clé de sécurité

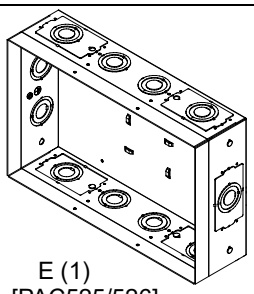
TOOLS REQUIRED FOR INSTALLATION



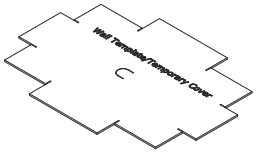
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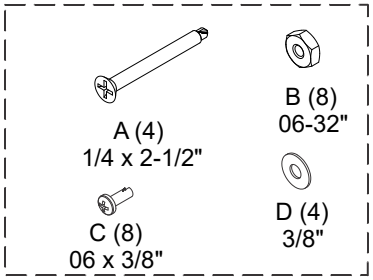
PAC525/526



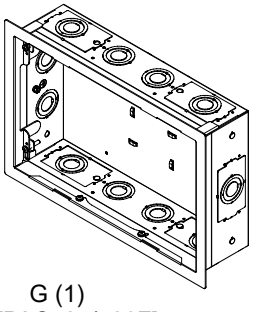
E (1)
[PAC525/526]
(PAC525 shown)



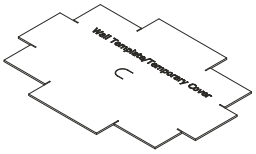
F (1)
[Template/
Temporary Cover]



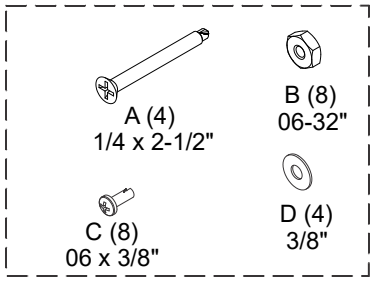
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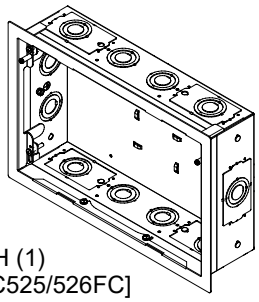
G (1)
[PAC525/526F]
(PAC525 shown)



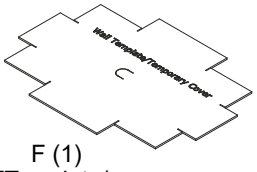
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[Template/
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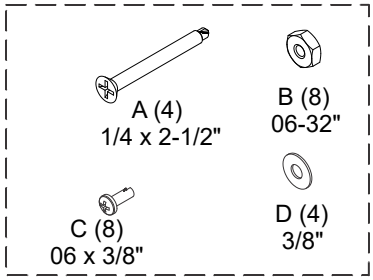
PAC525/526FC



H (1)
[PAC525/526FC]
(PAC525 shown)



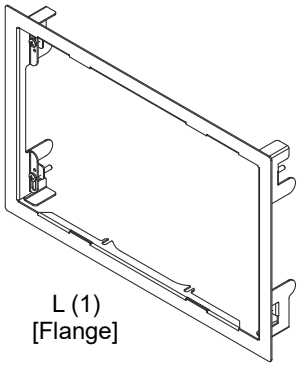
F (1)
[Template/
Temporary Cover]



+ PAC525/526CVR-KIT (SEE PAGE 6)

PARTS - continued

PAC525/526F-KIT

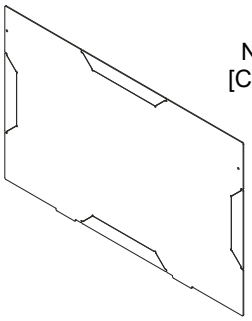


L (1)
[Flange]

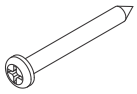


M (4 - PAC525, 6 - PAC526)
10-24 x 1/4"

PAC525/526CVR-KIT



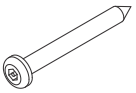
N (1)
[Cover]



P (2)
#06 x 1-1/4"



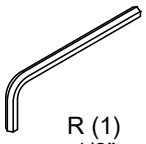
S (2)
.259 x .156 x .625"



Q (2)
#06 x 1-1/2"



T (2)
#06



R (1)
1/8"
[security]

Assembly And Installation

ASSEMBLY AND INSTALLATION

IMPORTANT ! : In the following instructions, the reference to PAC525/526 includes the following models:

- PAC525
- PAC525F
- PAC525FC
- PAC526
- PAC526F
- PAC526FC

The PAC525/526 is intended for use in both installations where an existing finished drywall wall is present, and where the wall surface has not been finished and the structural studs are exposed. The box should be installed with an offset equal to the thickness of the drywall. The wall then must be finished around the opening of the box after the box has been installed.



WARNING: All wiring should be performed by a licensed electrician following all local codes and ordinances.

Locating PAC525/526

1. Identify a suitable wall location for the accessory.
2. Locate and mark studs using a stud sensor.
3. Identify possible structural conflicts (electrical wiring, plumbing, gas lines, HVAC).

WARNING: ELECTRICAL SHOCK HAZARD! CUTTING OR DRILLING INTO ELECTRICAL WIRES OR CABLES CAN CAUSE DEATH OR SERIOUS PERSONAL INJURY! ALWAYS make certain area behind mounting surfaces is free of electrical wires and cables before cutting, drilling or installing fasteners.

WARNING: EXPLOSION AND FIRE HAZARD! CUTTING OR DRILLING INTO GAS PLUMBING CAN CAUSE DEATH OR SERIOUS PERSONAL INJURY. ALWAYS make certain area behind mounting surfaces is free of gas, water, waste or any other plumbing before cutting, drilling or installing fasteners.

4. Determine all additional/optional components required:
    - Conduit pipe
    - Conduit connectors (both large and small)
    - Electrical box(es) (3" x 2")
    - Steel electrical box cover(s)
    - Electrical outlet(s)

PAC52/526 Site Preparation

1. Using a level, draw a horizontal line at the lower edge of the install site. (See Figure 1)
2. Create an exploratory hole to confirm edge of the studs.
3. Using the line drawn in Step 1 as lower edge and placing between studs, use the enclosed template (F) to draw lines around corners of template, and connect lines on bottom, top and sides. (See Figure 1)

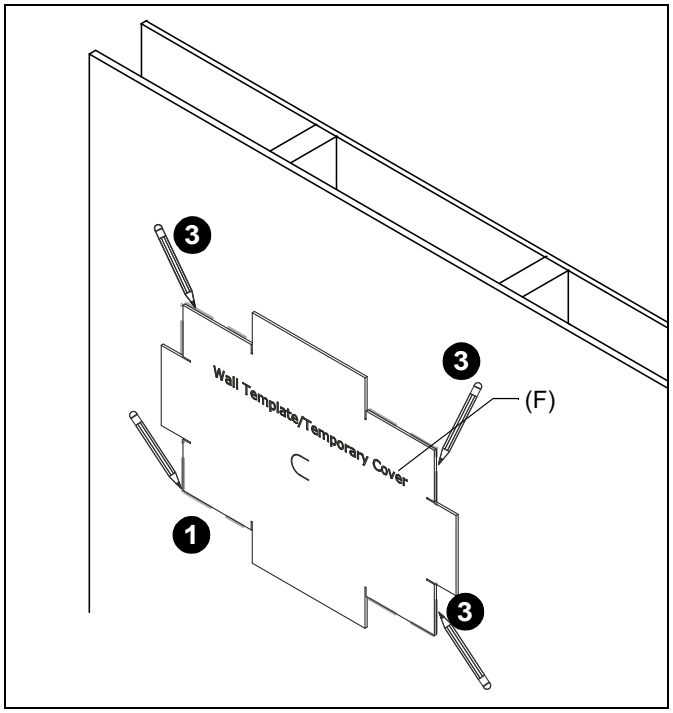


Figure 1

4. Cut along outside edge of line using a utility knife and remove drywall.
5. Check stud depth within the wall.
   - If 3-1/2" or greater, proceed to **PAC525/526 Box Preparation and Installation.**
   - If less than 3-1/2" deep, proceed to **Step 6.**
6. If present, remove box flange by loosening screws. (See Figure 2)

CAUTION: Injury may occur on sharp edges. Carefully discard the removable tabs. Avoid sharp edges.

7. Snap off removable tabs at perforations provided.
8. Reinstall box flange.
9. Fasten flange in place by tightening screws loosened in Step 6.

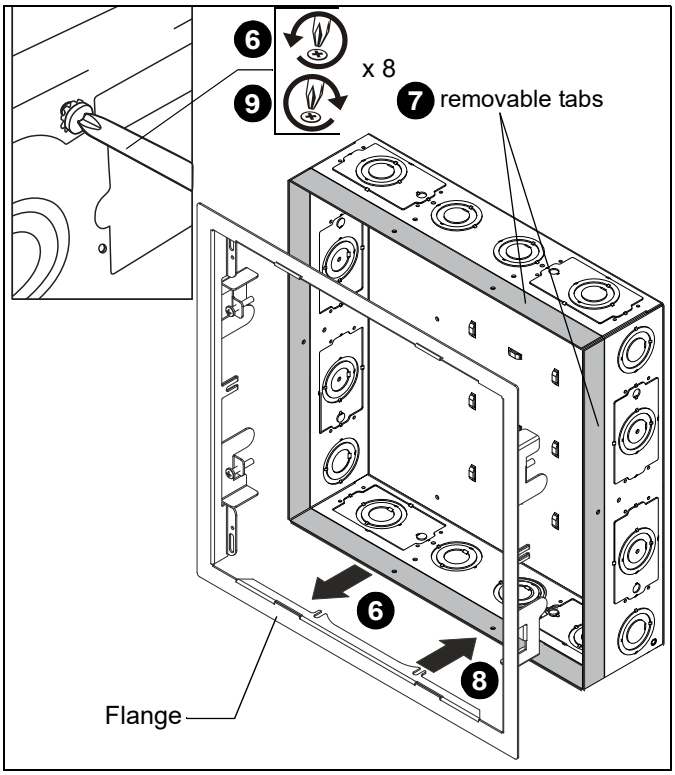


Figure 2

PAC525/526 Box Preparation and Installation

Remove knock-outs as determined in Step 4 of **Locating PAC525/526** section. Use a punch and hammer to remove knock-outs using the following Steps 2-5. For further tips on how to remove the knock-outs refer to the video shown on legrandav.com.

NOTE: The knockouts must be punched in the direction they were originally punched. If the knockout is sticking in, punch it in from the outside. If the knockout is sticking out, punch it out from the inside.

1. Remove inner circle by knocking it out from the inside using a punch tool and hammer. Use locking pliers to remove from outside box. (See Figure 3)

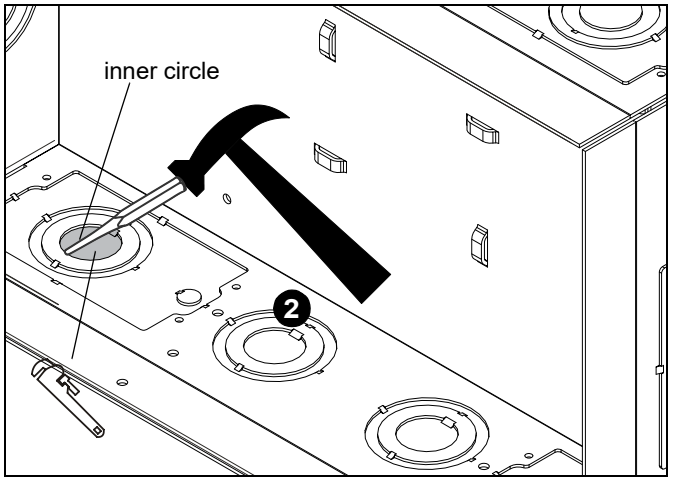


Figure 3

2. Remove second circle by knocking it out from the outside using a punch tool and hammer. Use locking pliers to remove. (See Figure 4)

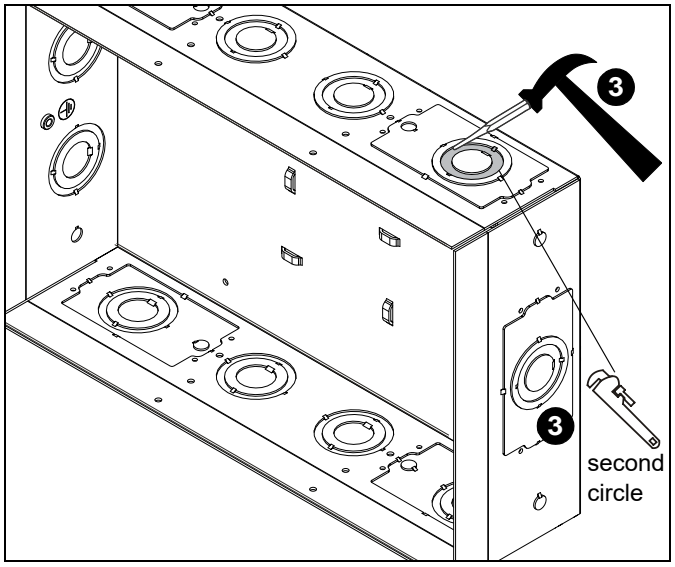


Figure 4

3. Remove third circle by knocking it out from the inside using a punch tool and hammer. Use locking pliers to remove. (See Figure 5)

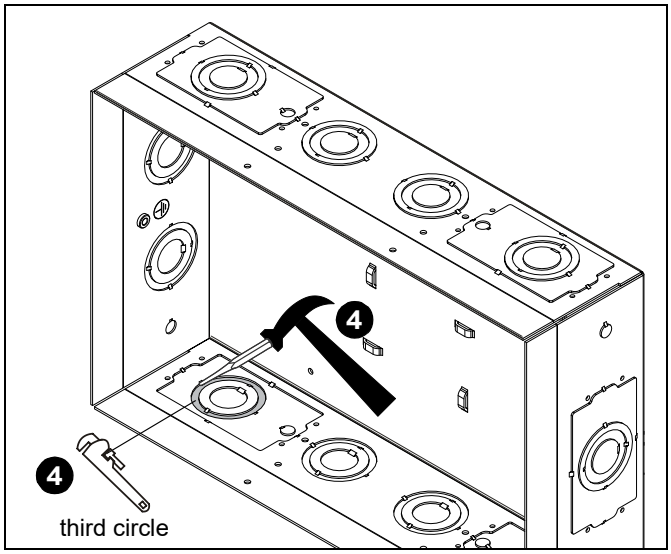


Figure 5

4. Remove rectangular knock-out by using locking pliers through removed hole to bend knock-out as needed and manuever until the tabs are broken and knock-out can be removed. (See Figure 6)

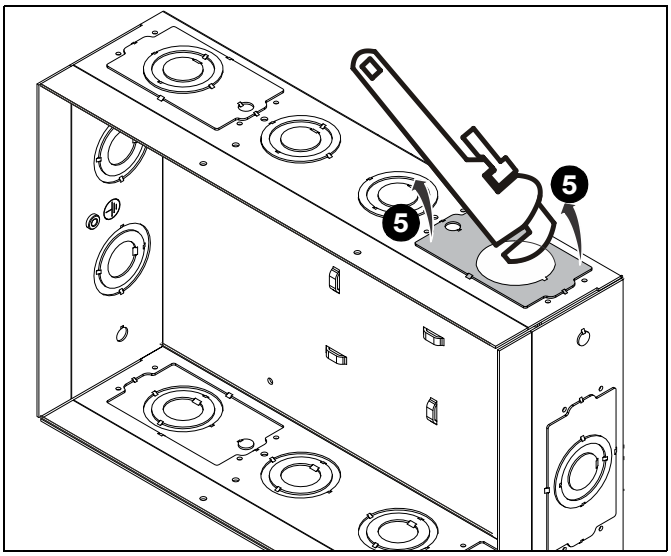


Figure 6

5. Loosely attach required conduit and conduit connectors, switch boxes, outlets, etc (not included) to PAC525/526 to enable fitting into the wall opening. (See Figure 7)

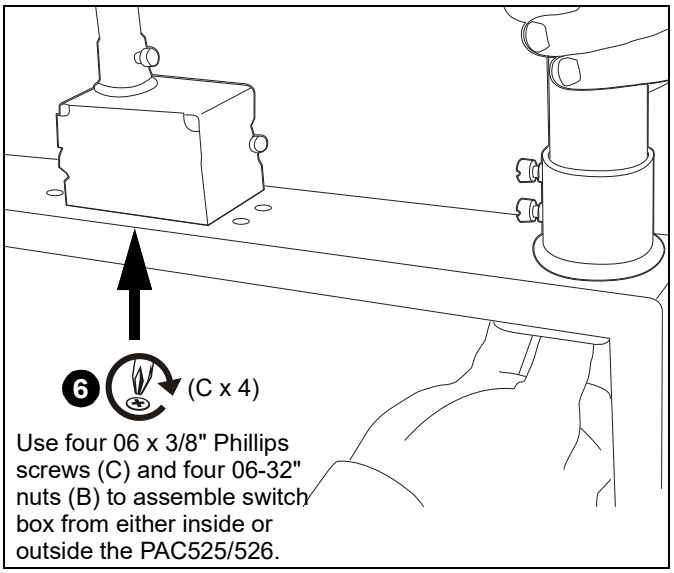


Figure 7

IMPORTANT ! : The PAC525 can be installed either in landscape or portrait orientation.

6. Feed conduit attached to PAC525/526 through cut-out in wall and insert PAC525/526 into wall opening. Tighten component connections.

7. Remove round holes using punch tool and hammer and drill pilot holes (at least 2 on each side of PAC525/526) into studs through mounting holes in PAC525/526.
    - Wood studs: use 3/16" drill bit
    - Steel studs: use 1/4" drill bit

NOTE: If installing model with flanges, the flanges include locking cleats which makes Steps 7-8 unnecessary.

8. Install PAC525/526 to studs using four 1/4 x 2-1/2" Phillips flat head screws (A) and four 3/8" flat washers (D) through PAC525/526 and pilot holes. (See Figure 8)

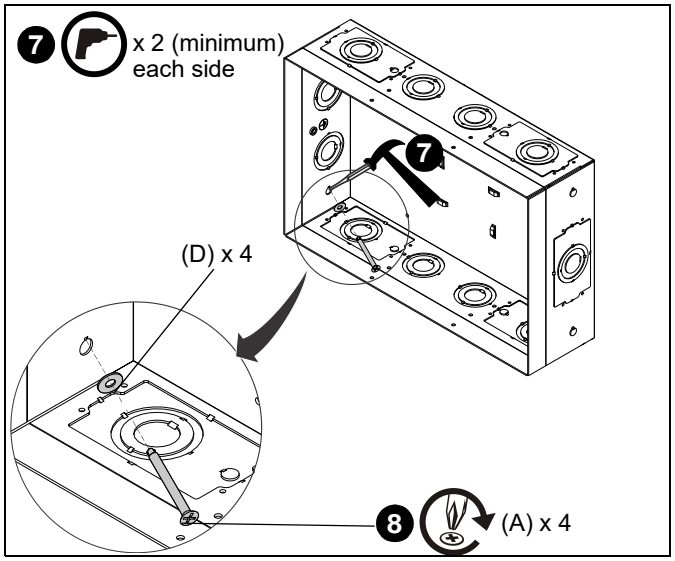


Figure 8

NOTE: If installing in a stud wall BEFORE the drywall is installed, remove outer flange from PAC525/526 before installing the PAC525/526.

IMPORTANT ! : PAC525/526 box must protrude out from the studs a distance equal to the depth of drywall. (See Figure 9)

9. (Flange models ONLY) Install flange (L) around PAC525/526 box. Tighten four screws in locked position to secure locking cleats. (See Figure 9)

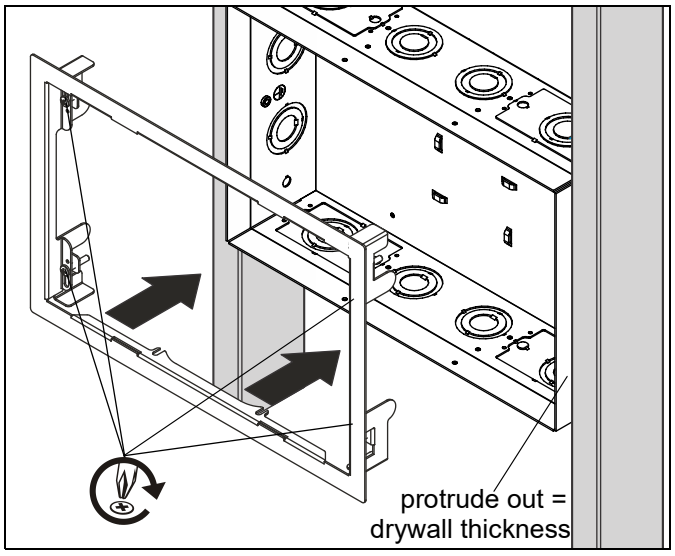


Figure 9

Adding Template/Temporary Cover

NOTE: **OPTIONAL:** Install template (F), if necessary, as a temporary cover to protect interior of PAC525/526 box from debris.

1. Fold tabs of template (F) in and insert into PAC525/526 opening. (See Figure 10)

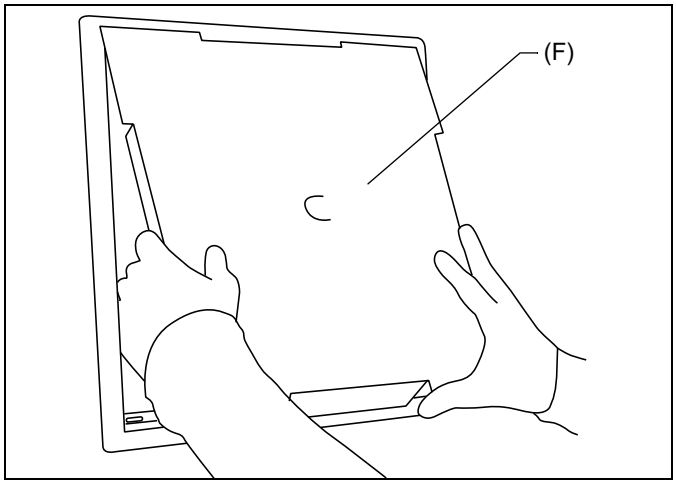


Figure 10

PAC525/526F-KIT

1. Loosely install eight 10-24 x 1/4" Phillips head screws with external teeth (M) into holes in PAC525/526 sides. (See Figure 11)

NOTE: If the outer edge of the PAC525/526 needs to be removed, use the inner hole for flange attachment. (See Figure 11)

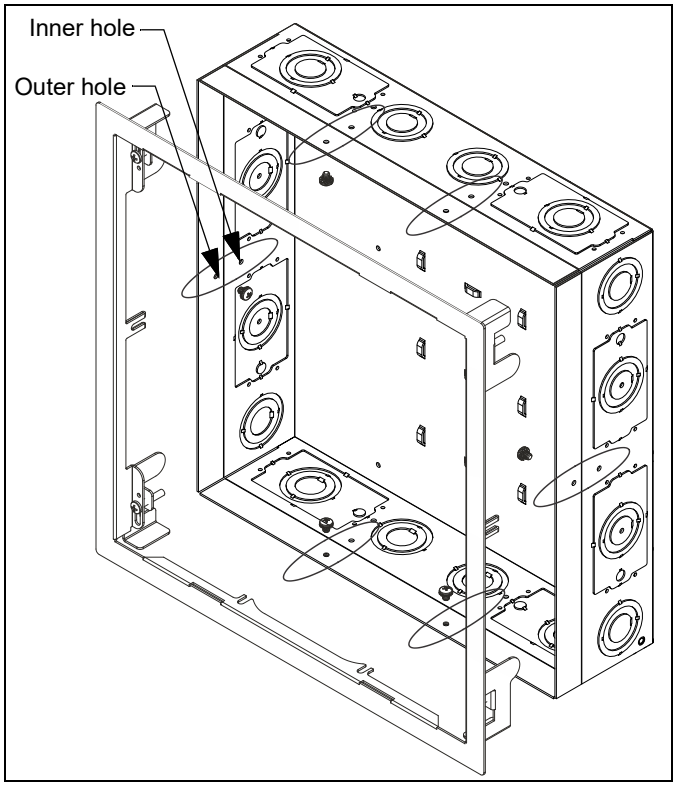


Figure 11

2. Slide flange (L) into PAC525/526 over installed screws, and tighten screws. (See Figure 12)

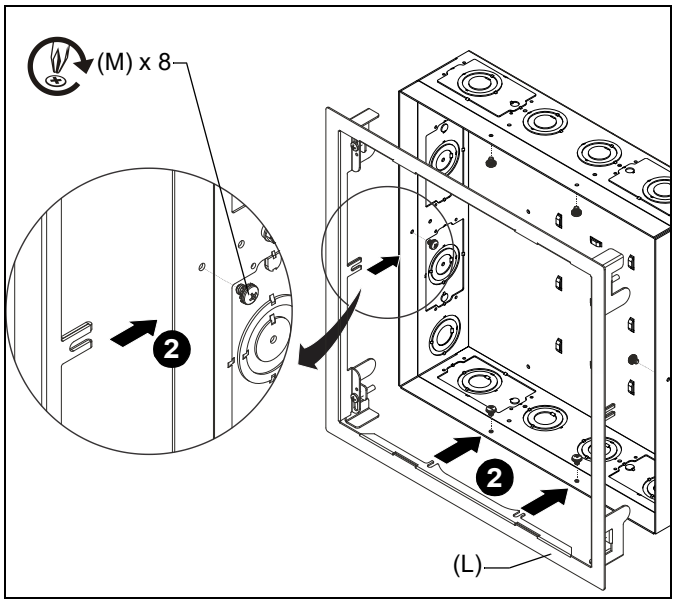


Figure 12

PAC525CVR-KIT

1. Break away the tab(s) on the cover (N) to allow wire exit from the PAC525/526, and to meet ventilation needs of the components. (See Figure 13)

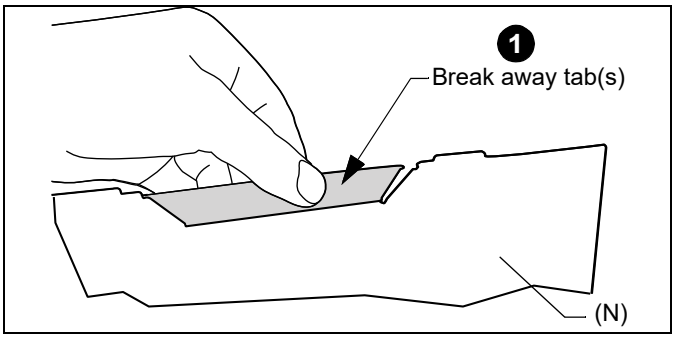


Figure 13

2. Gather all wires and route through the cover opening(s). (See Figure 14)
3. Install cover (N) and fasten with two #6 x 1-1/4" Phillips self-tapping screws (P) [#6 x 1-1/2" button head self-tapping screws (Q) for security], two spacers (S) and two #6 lock washers (T). (See Figure 14)

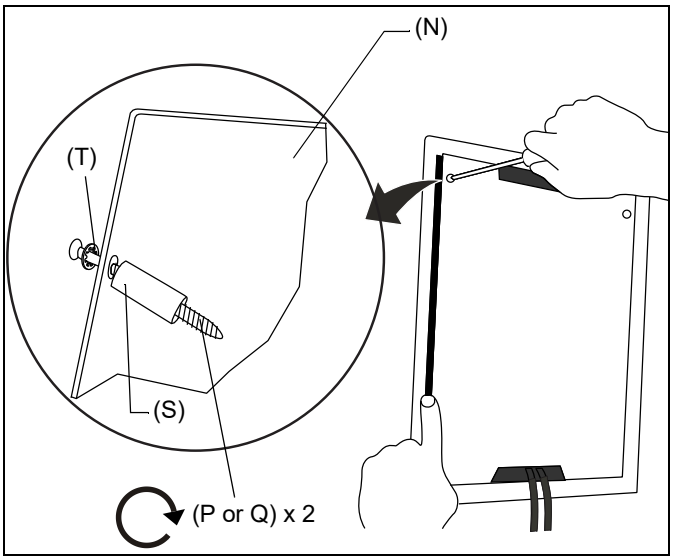


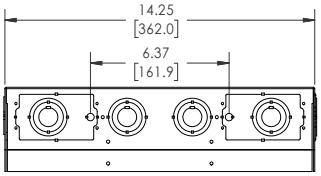
Figure 14

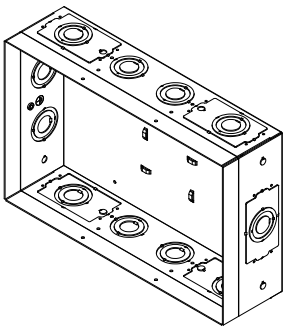
DIMENSIONS

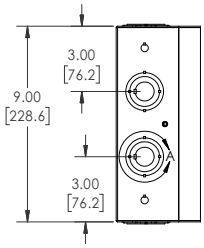
**RECOMMENDED ELECTRICAL BOX:
RACO 560 3" X 2" BOX, 2 3/4" DEEP
GANGABLE OR EQUIVALENT.**

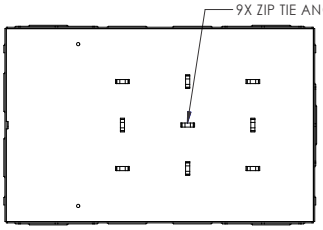
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COVER: RACO 864 SINGLE DUPLEX**

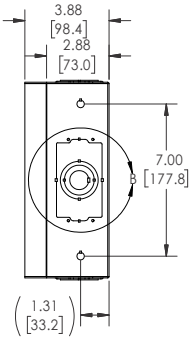
PAC525

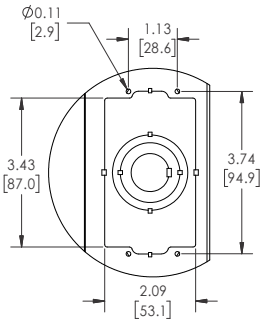




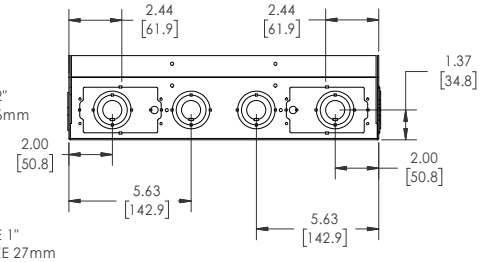


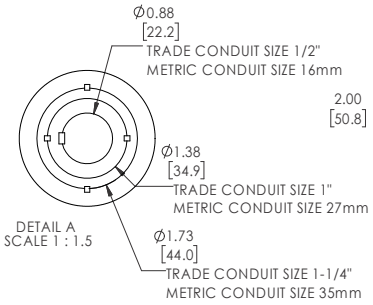






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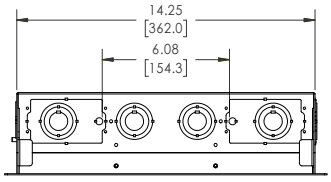


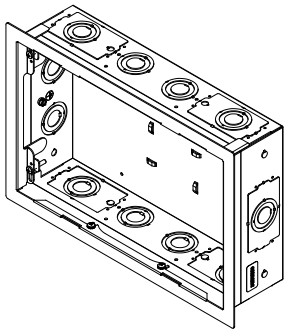
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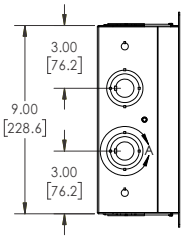
**RECOMMENDED ELECTRICAL BOX:
RACO 560 3" X 2" BOX, 2 3/4" DEEP
GANGABLE OR EQUIVALENT.**

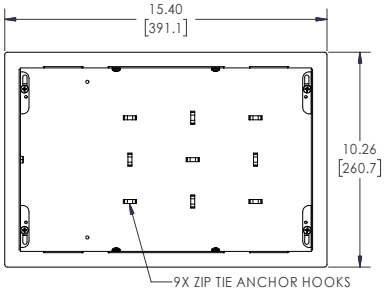
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COVER: RACO 864 SINGLE DUPLEX**

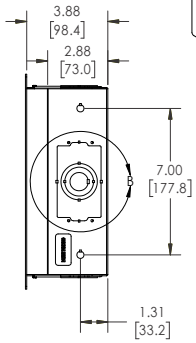
PAC525F

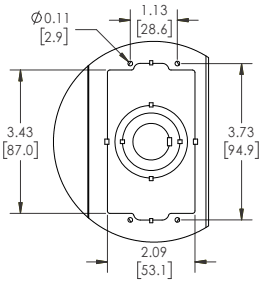


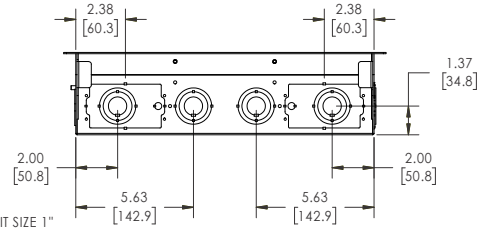


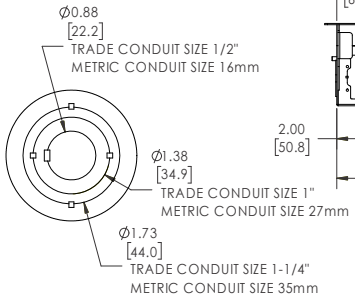










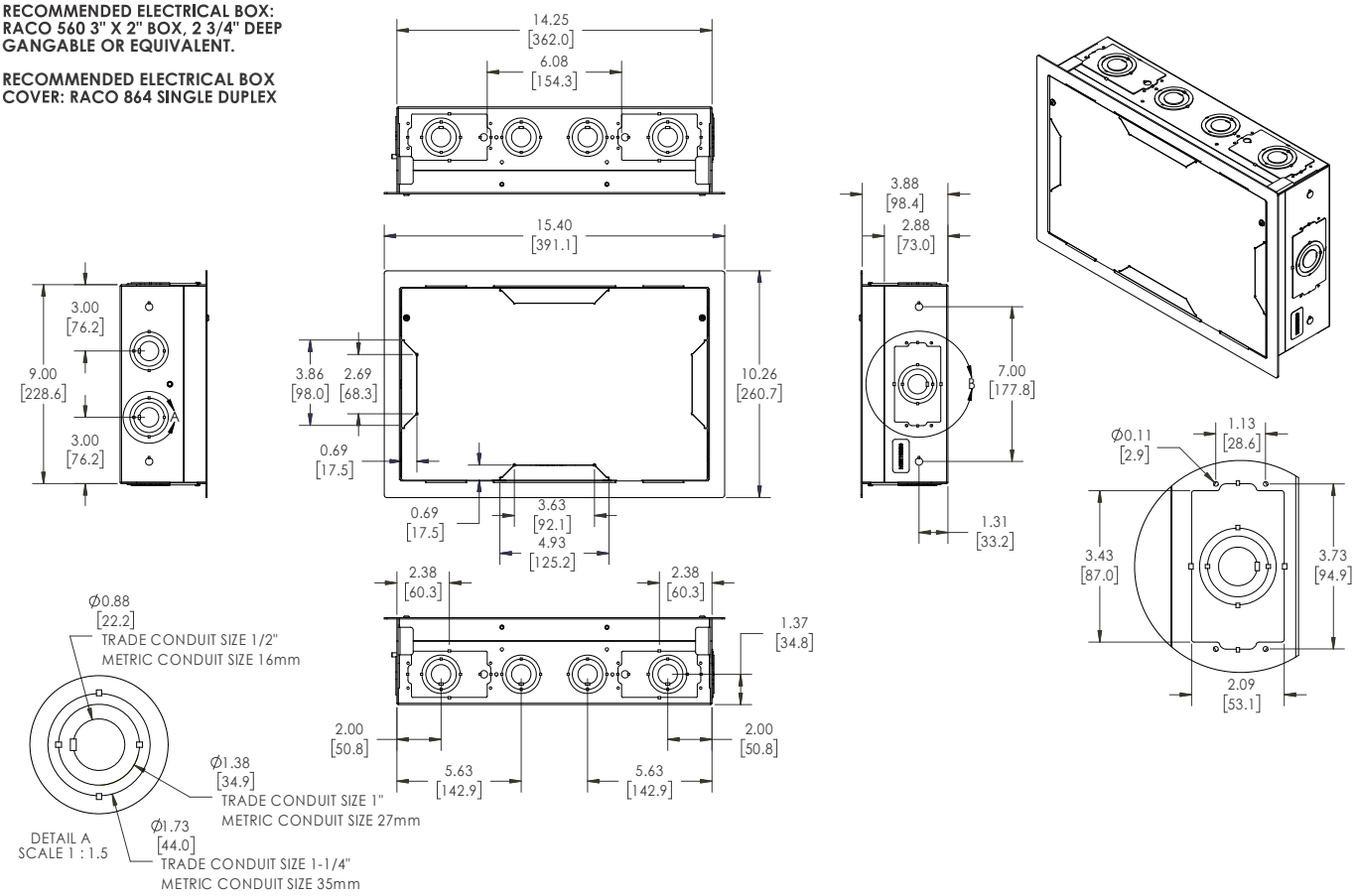


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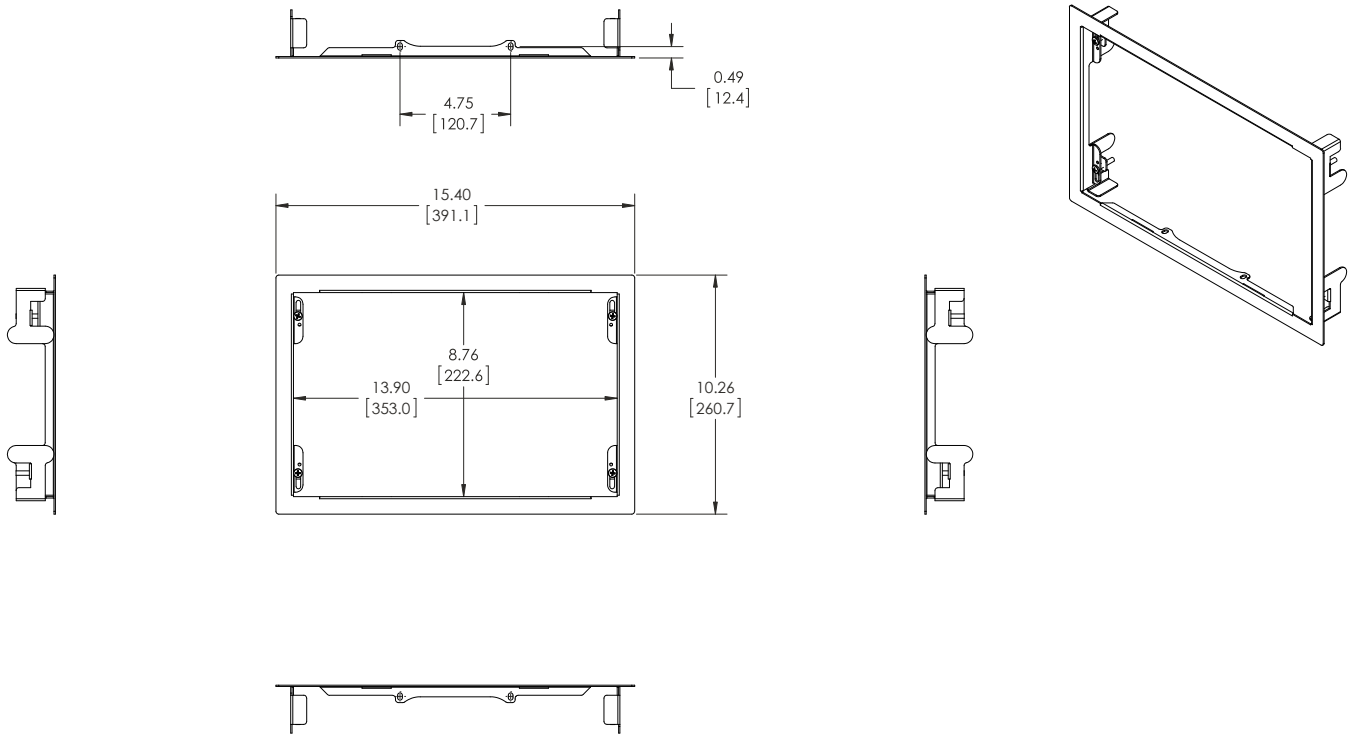
PAC525FC

RECOMMENDED ELECTRICAL BOX: RACO 560 3" X 2" BOX, 2 3/4" DEEP GANGABLE OR EQUIVALENT.

RECOMMENDED ELECTRICAL BOX COVER: RACO 864 SINGLE DUPLEX

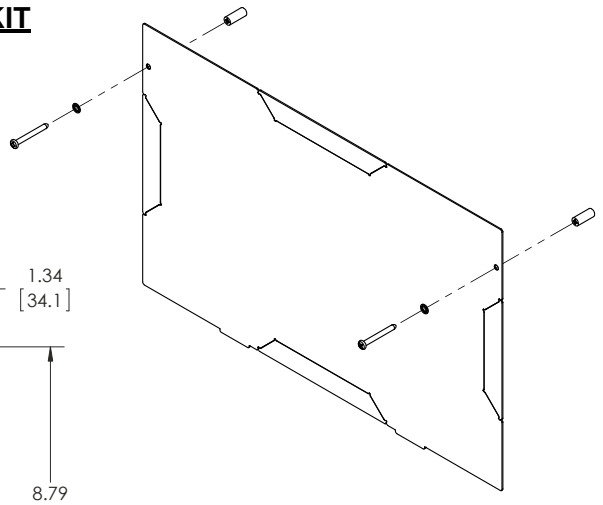


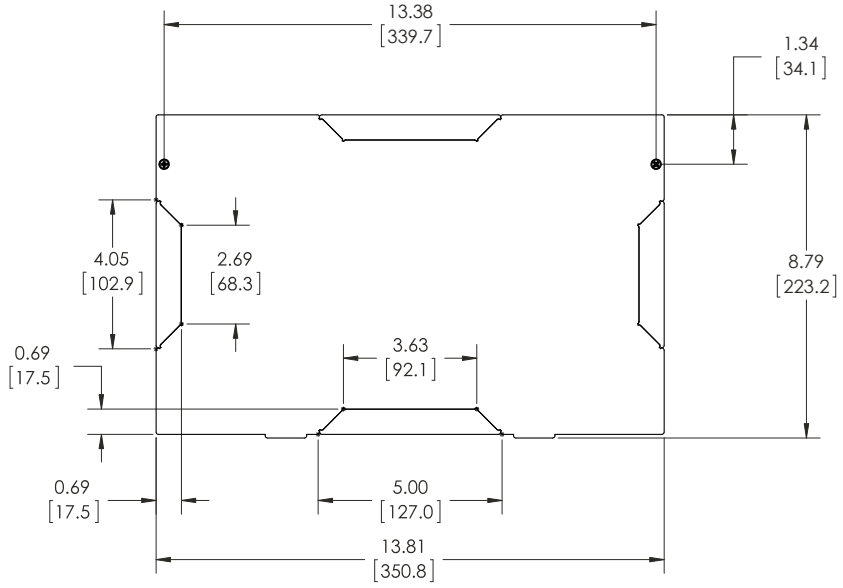
PAC525F-KIT



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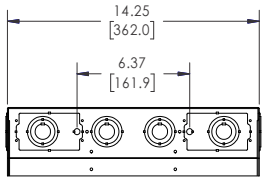


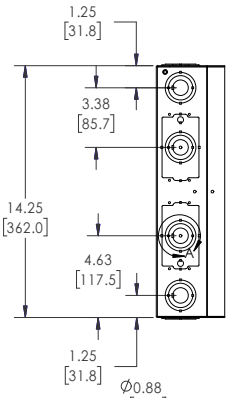


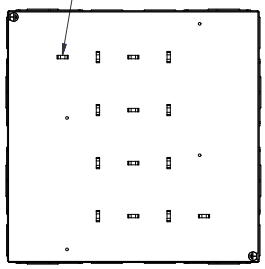
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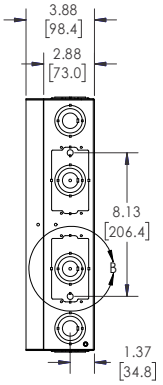
RECOMMENDED ELECTRICAL BOX: RACO 560 3" X 2" BOX, 2 3/4" DEEP GANGABLE OR EQUIVALENT.

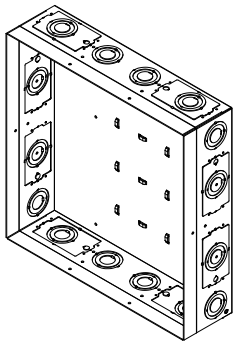
RECOMMENDED ELECTRICAL BOX COVER: RACO 864 SINGLE DUPLEX

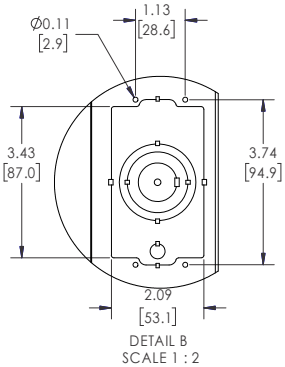


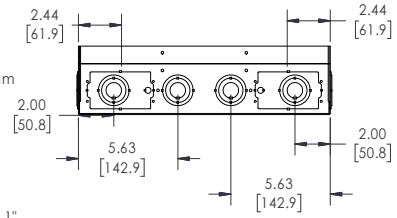


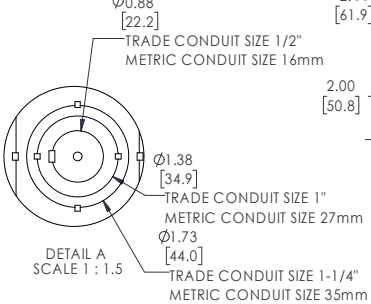










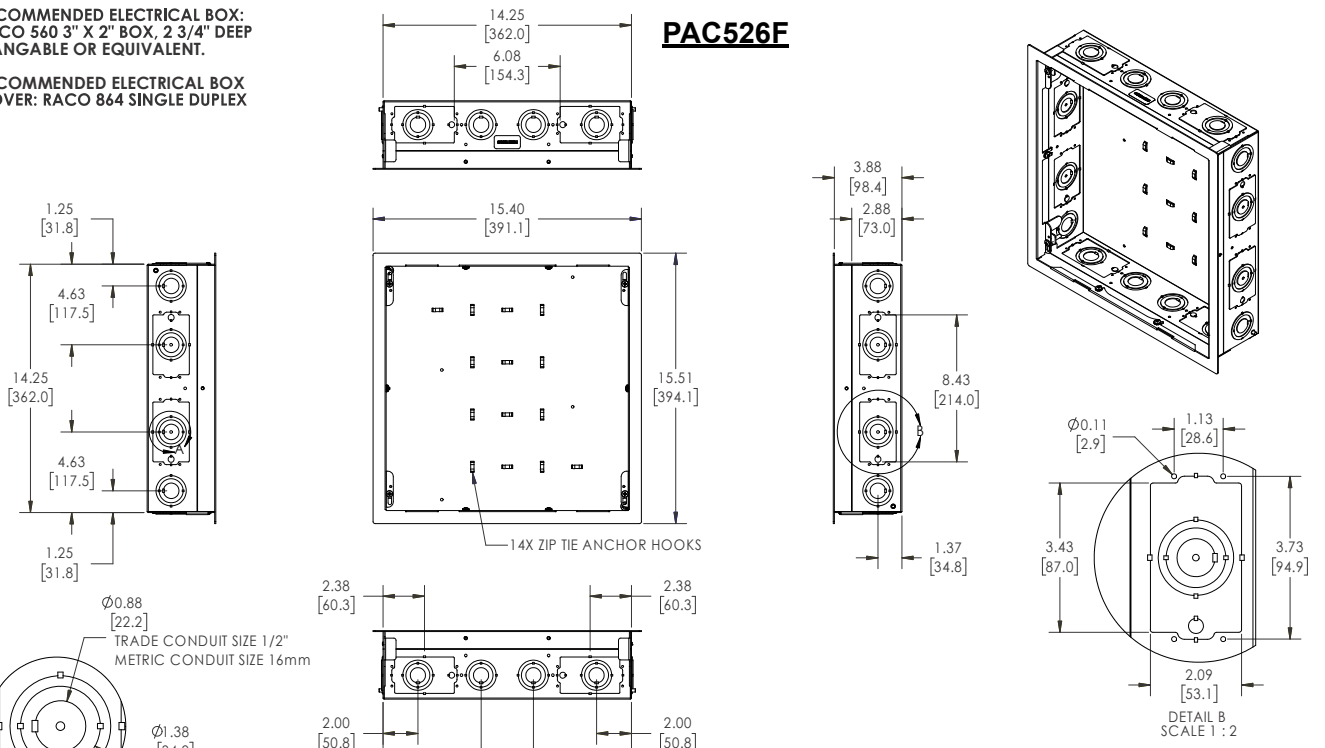


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RECOMMENDED ELECTRICAL BOX: RACO 560 3" X 2" BOX, 2 3/4" DEEP GANGABLE OR EQUIVALENT.

RECOMMENDED ELECTRICAL BOX COVER: RACO 864 SINGLE DUPLEX

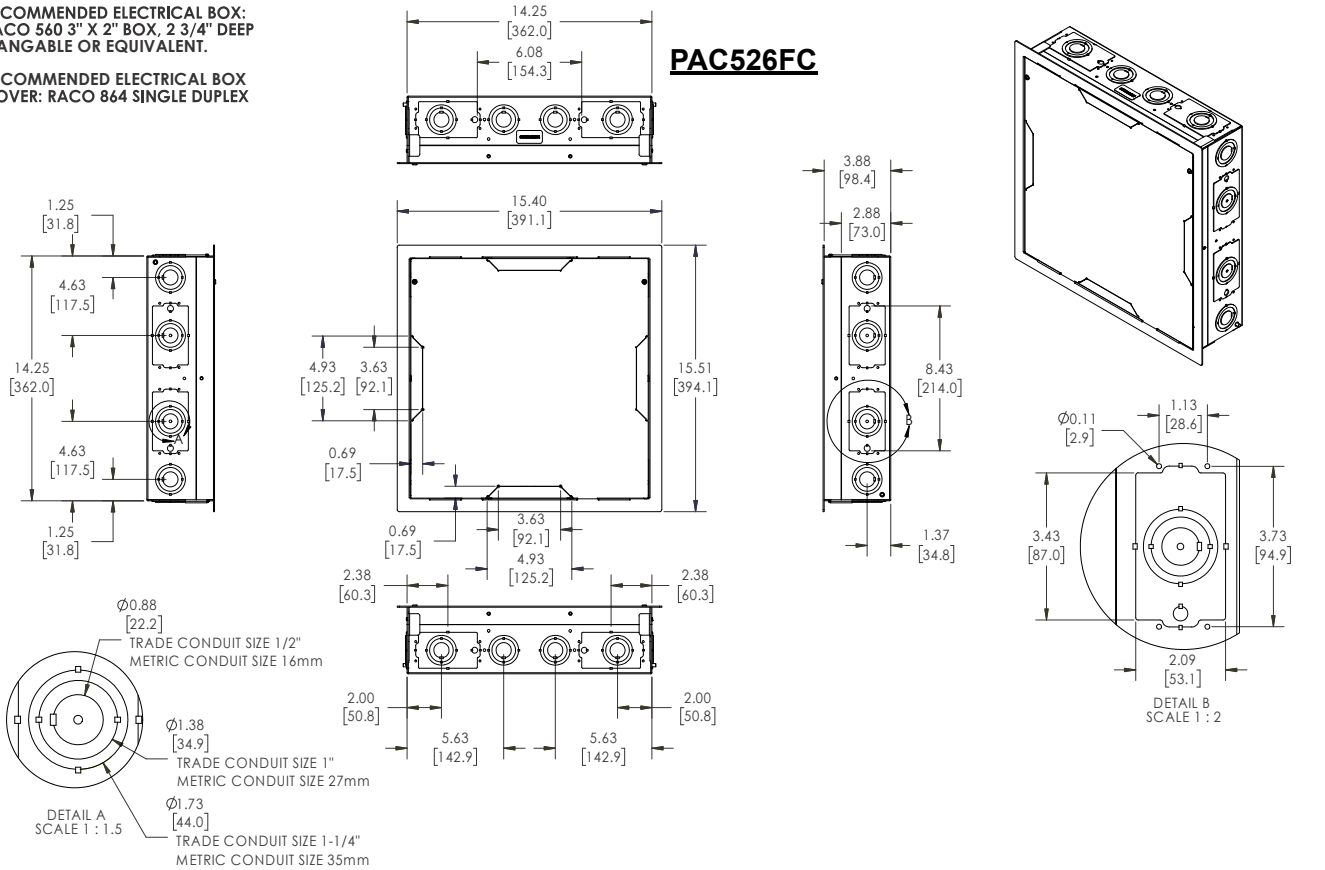
PAC526F



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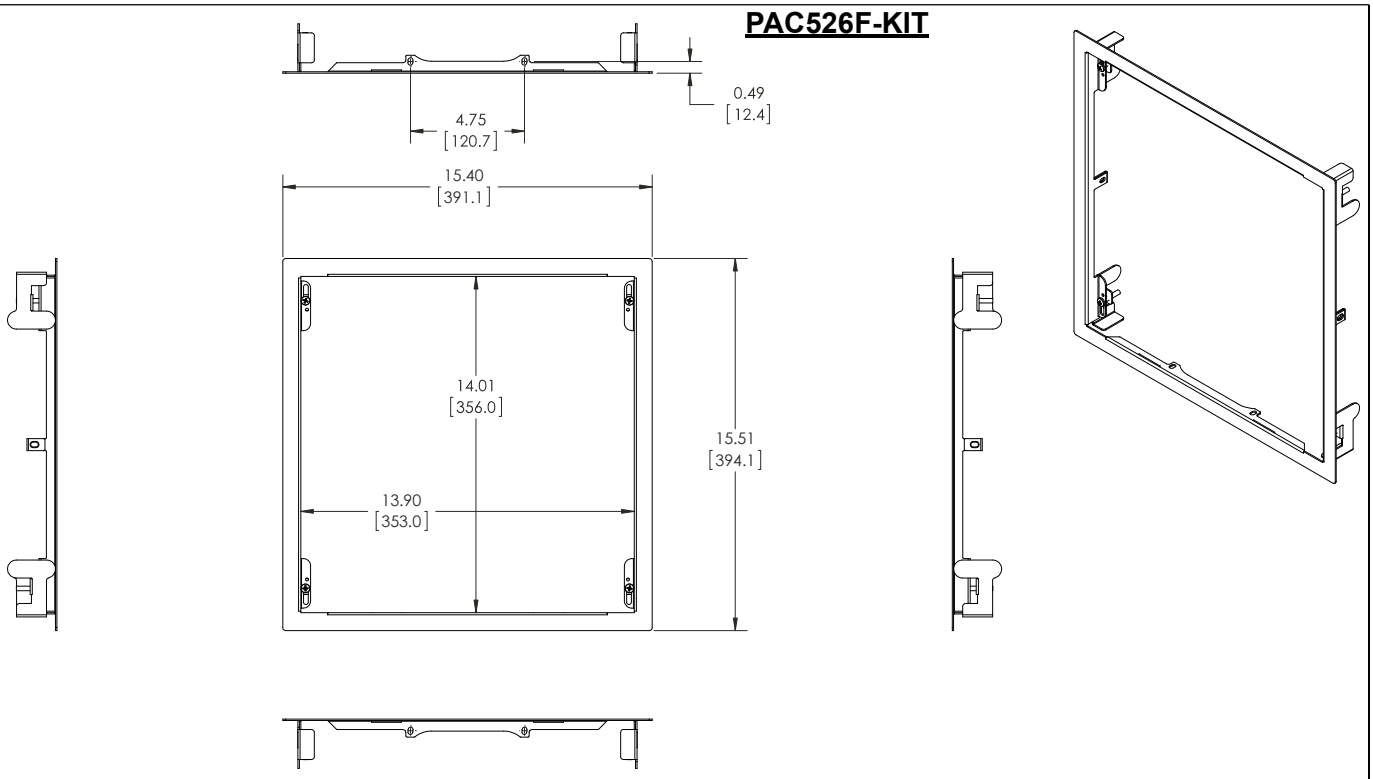
RECOMMENDED ELECTRICAL BOX COVER: RACO 864 SINGLE DUPLEX

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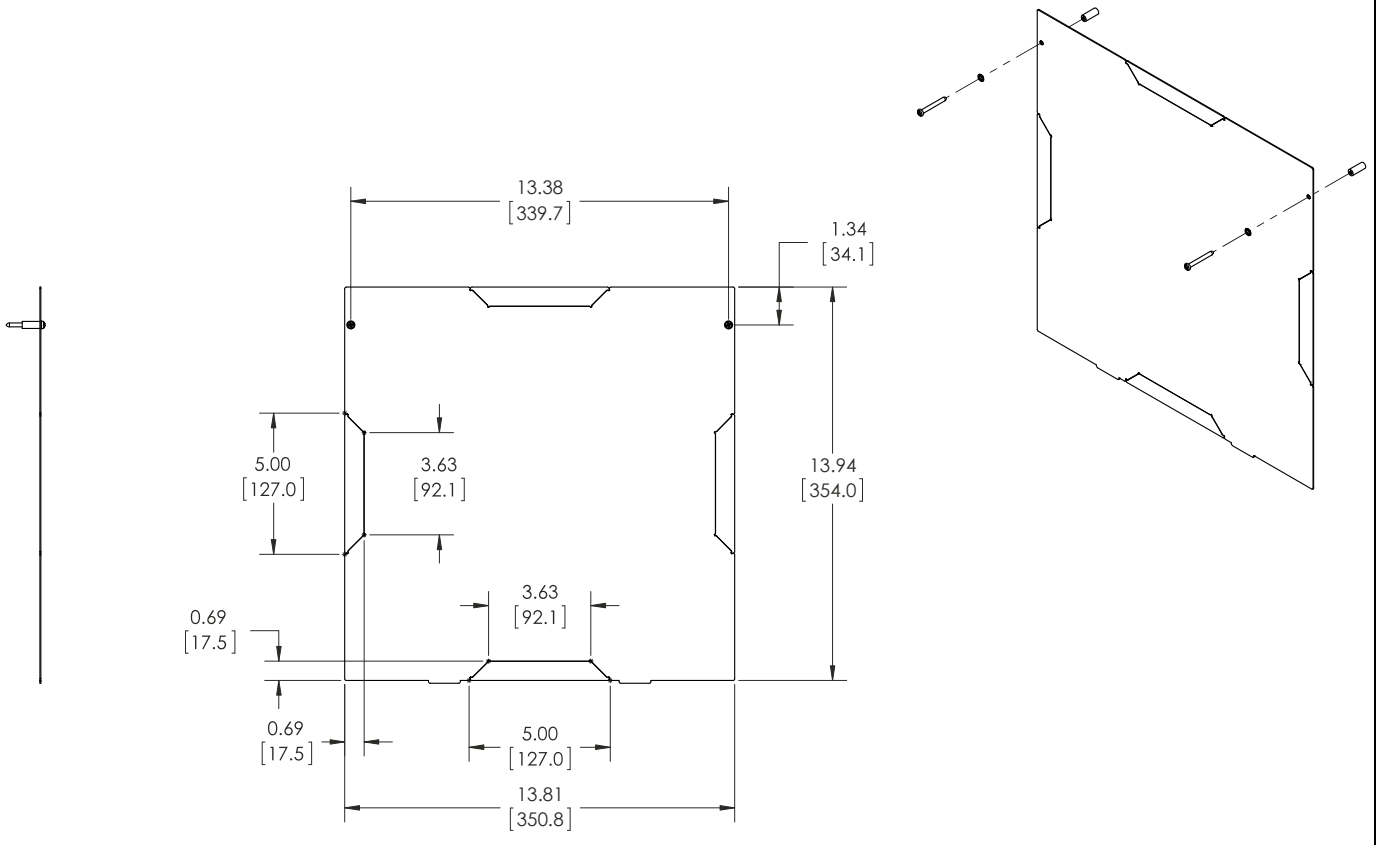


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PAC526F-KIT



PAC526CVR-KIT



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A Franklinstraat 14, 6003 DK Weert, Netherlands
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